



PATENT

Atty. Dkt. No. WEAT/0409

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Douglas Caraway

Serial No.: 08/972,781

Confirmation No.: 6016

Filed: November 18, 1997

For: Rotary Drill Bit For Casing  
Milling And Formation Drilling§  
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Group Art Unit: 3672

Examiner: Hoang C. Dang

Customer No.: 36735

**RECEIVED**  
JUN 02 2004  
**GROUP 3600**MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING	
37 CFR 1.8	
I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 18 May 2004.	
William B. Patterson	<i>William B. Patterson</i>
Typed Name	Signature

**RESPONSE TO OFFICE ACTION DATED JANUARY 20, 2004**

In response to the Office Action dated January 20, 2004, having a shortened statutory period for response extended one month set to expire on May 20, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. The Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0409/WBP the fee of \$172.00 for 2 additional independent claims, along with any other fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks/Arguments** begin on page 5 of this paper.